

1. WATER ALLOCATION PROGRAM OVERVIEW

A. Water Allocation Policy and Regulatory Framework

- ? State Guide Plan
- ? Federal Laws
- ? Statutory Authority
- ? Public Water Supply Systems Management Plans
- ? Local Ordinances

**Private Wells not regulated*

B. Surface and Ground Water Inventory/Water Use Assessments (Watersheds)

- ? Big River Management Area
- ? Pawcatuck
- ? Blackstone
- ? Pawtuxet/Quinnebaug
- ? Woonasquatucket/Moshassuck
- ? Block Island
- ? Jamestown

Pending

- ? West Bay
- ? East Bay
- ? South Coastal
- ? *Statewide Summary*

C. Modeling Projects

- ? Hunt River: Optimization Model
- ? Usquepaug-Queen River: Hydrological System Program-Fortran (HSPF) Model
- ? Big River: Optimization Model
- ? Streamflow & Aquatic Habitat in the Usquepaug-Queen River Basin (USGS/ DEM)

Pending

- ? Pawcatuck River: Optimization Model
- ? Blackstone River: Optimization Model
- ? Chipuxet River: Optimization Model

D. Monitoring/Information Systems

- ? Stream Gauging /Groundwater Observation Well Monitoring Data (USGS/DEM)
- ? New England Water Use Data System (NEWUDS)
- ? Water Supply Systems Management Plan Database

Pending

- ? Low Flow Data
- ? Stream Statistics Project
- ? Water Withdrawal Registration Data System
- ? Integration GIS and Web Enabling Of Data
- ? Integration Of Internal And External Decision Support Systems

2. WATER ALLOCATION PROGRAM COMPONENTS

Lead Agency

A. Major Research

- ? Programs in other states
- ? Lessons learned
- ? External factors

B. Water Withdrawal Registration System

- ? Voluntary versus Mandatory
- ? Thresholds
- ? Exemptions
- ? Data Processing/Administration

C. Stream Flow Standards

- ? Interim standard(s)
- ? Long term approach

D. Priority Uses During Emergencies

- ? Public health
- ? Safety
- ? Other allocation criteria

E. Water Rights/Regulatory Authority

- ? Public/Private
- ? Overlapping authorities

F. Out-of-Basin Transfer

- ? Regulatory approach
- ? Nonregulatory approach

G. Fees/Water Rates/Alternatives

- ? Registration fees
- ? Conservation rates
- ? Emergency rates
- ? Banking

H. Compliance/Conflict Resolution

- ? Oversight
- ? Mediation
- ? Courts

I. Education/Outreach/Technical Assistance

- ? Suppliers
- ? Major Users

J. Integrated Water and Wastewater Considerations

K. Impact Analysis

L. Reporting/Program Evaluation/Sustained Funding/Joint Advocacy

3. FIRST PHASE OF PROGRAM IMPLEMENTATION

- A. Identify Program Participants**
- B. Coordinate Activities for each Program Component/Participant**
- C. Identify a Watershed for Program Roll-out**
- D. Educate and Build Awareness**
- E. Adopt Timeline for Desired Outcomes**
- F. Interface With Regional Initiatives**
- G. Stakeholder Forum**

4. NEXT STEPS

- A. Identify Desired Outcomes/Timelines for Each Program Component**
- B. Legislative Considerations**
- C. Test Methods to Achieve Desired Outcomes, Including Information Systems**
- D. Outline Subsequent Program Phases**
 - ? Integrated water quantity/quality considerations/conservation & storage analysis
 - ? Integrated water/wastewater considerations/water reuse analysis